

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060345.D
 Acq On : 26 Sep 2018 00:41
 Operator : VA/AP
 Sample : J5070-01
 Misc : 5.93/5mL/MSVOA F/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CS-RBR-200027

Quant Time: Sep 26 03:53:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	685799	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	1130522	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	744226	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	440923	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	405465	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
35) Dibromofluoromethane	4.27	113	499585	49.57	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	7.69	98	843105	32.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	64.24%	
62) 4-Bromofluorobenzene	11.50	95	491006	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	

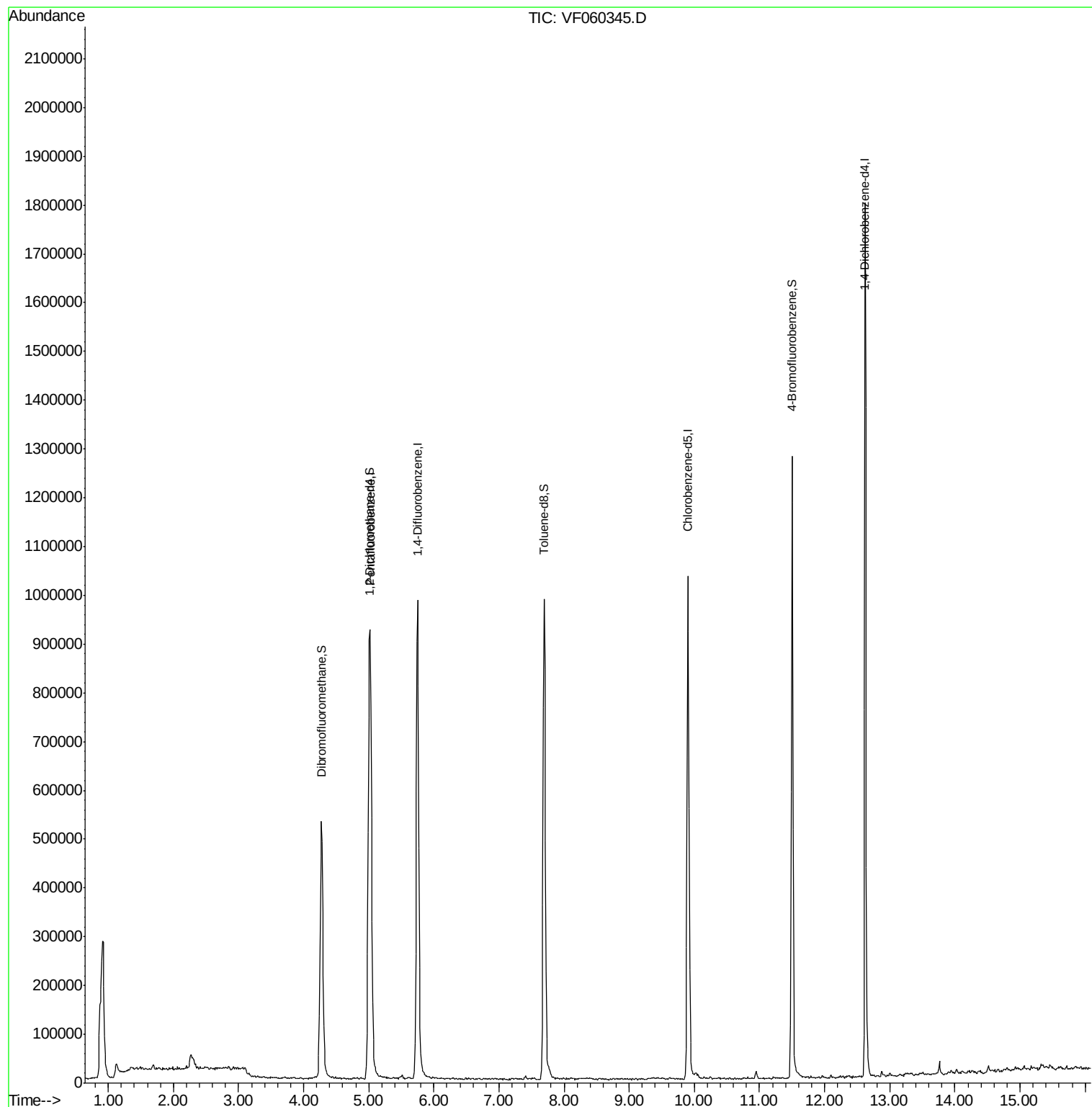
Target Compounds	Qvalue

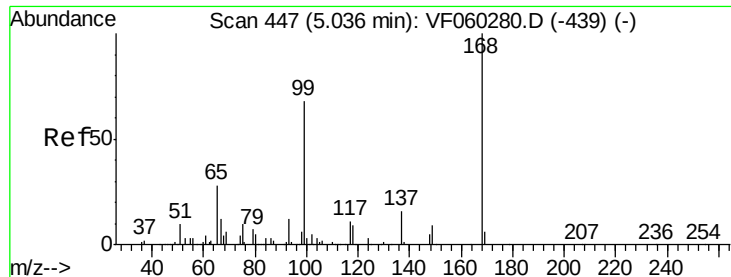
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.02 min

Lab File: VF060345.D

Acq: 26 Sep 2018 00:41

Instrument :

MSVOA_F

ClientSampleId :

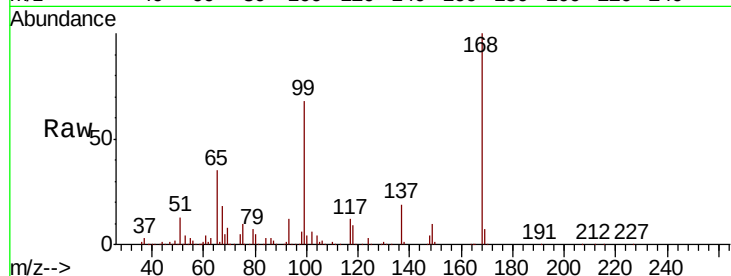
CS-RBR-200027

Tot Ion:168 Resp: 685799

Ion Ratio Lower Upper

168 100

99 68.2 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

250000

200000

150000

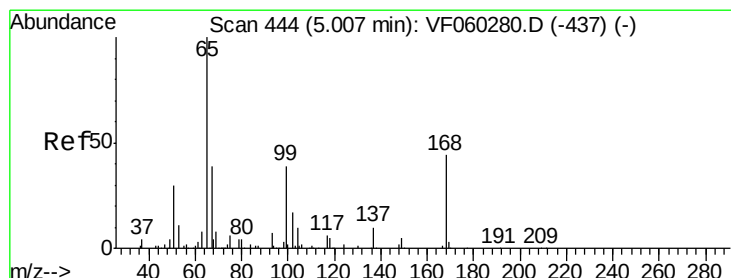
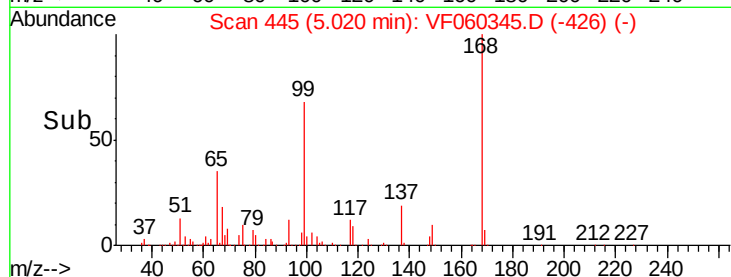
100000

50000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 43.908 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060345.D

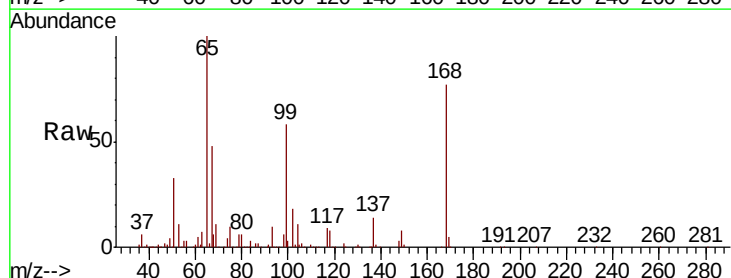
Acq: 26 Sep 2018 00:41

Tgt Ion: 65 Resp: 405465

Ion Ratio Lower Upper

65 100

67 47.6 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

150000

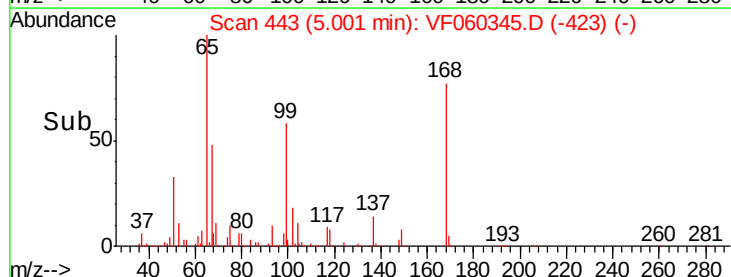
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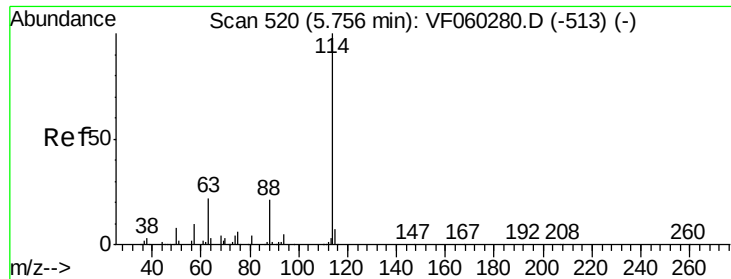
50000

0

Time-->

4.90 5.00 5.10 5.20



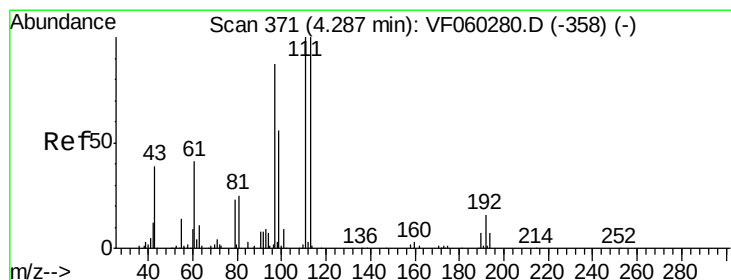
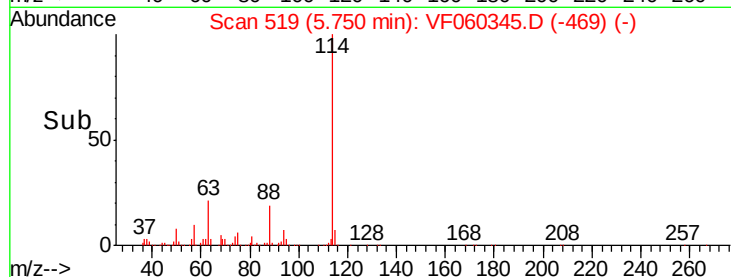
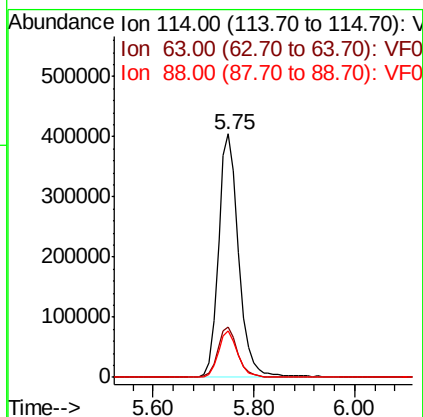
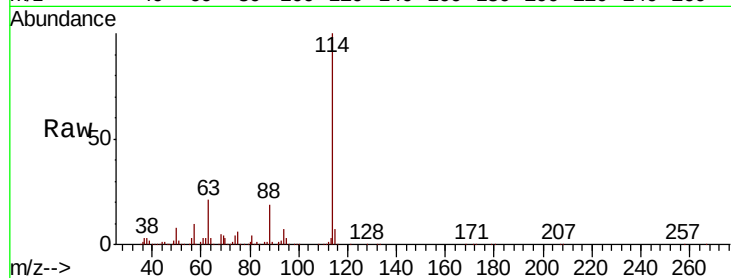


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. -0.01 min
Lab File: VF060345.D
Acq: 26 Sep 2018 00:41

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200027

Tot Ion:114 Resp: 1130522

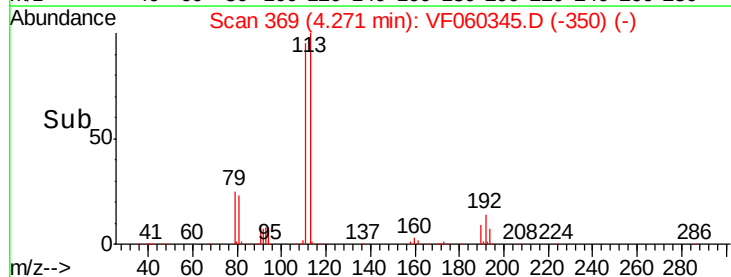
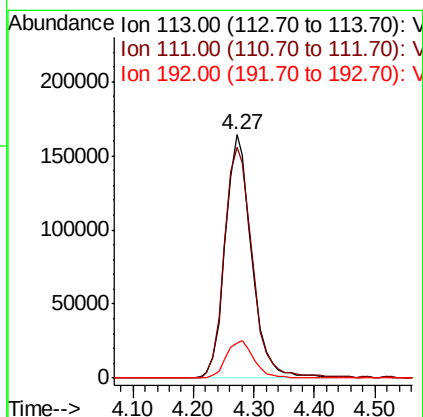
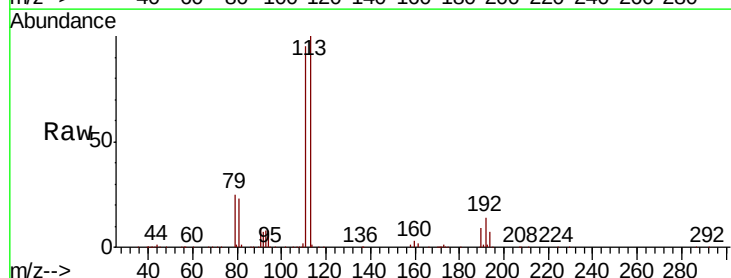
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.8
88	19.1	0.0	41.2

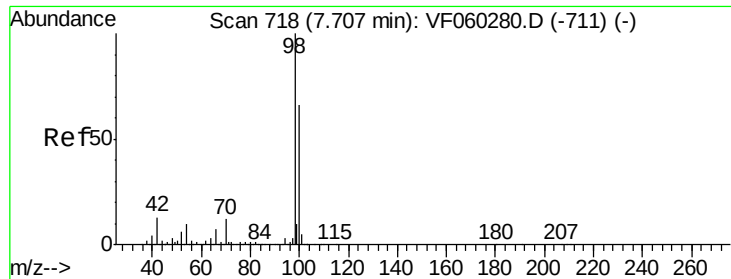


#35
Dibromofluoromethane
Concen: 49.573 ug/l
RT: 4.27 min Scan# 369
Delta R.T. -0.02 min
Lab File: VF060345.D
Acq: 26 Sep 2018 00:41

Tgt Ion:113 Resp: 499585

Ion	Ratio	Lower	Upper
113	100		
111	94.9	79.6	119.4
192	14.6	13.0	19.6

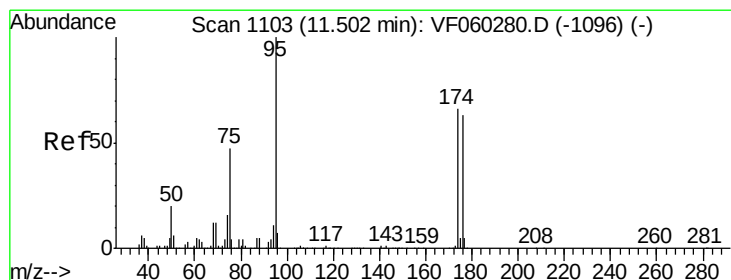
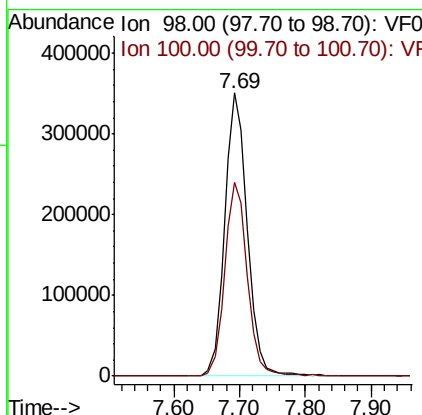
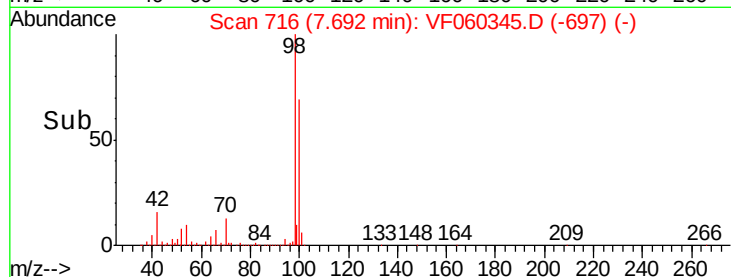
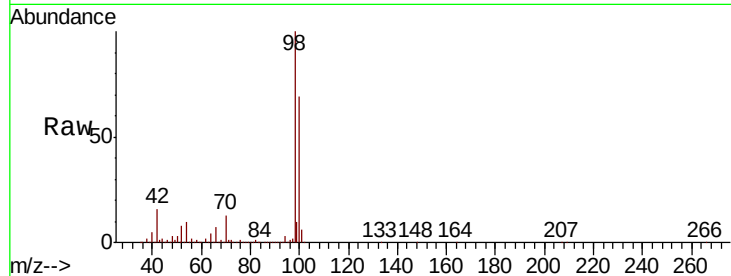




#50
Toluene-d8
Concen: 32.125 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.02 min
Lab File: VF060345.D
Acq: 26 Sep 2018 00:41

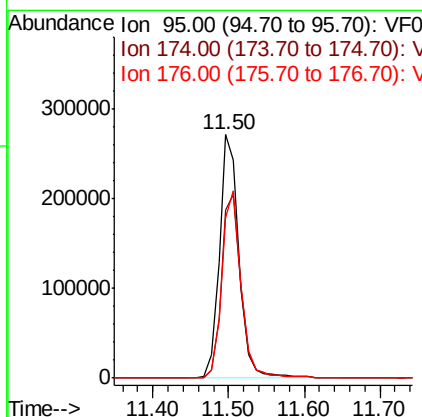
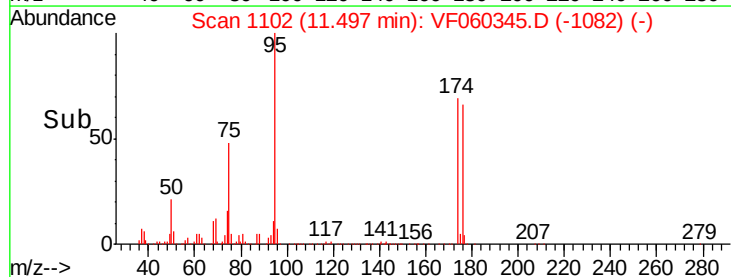
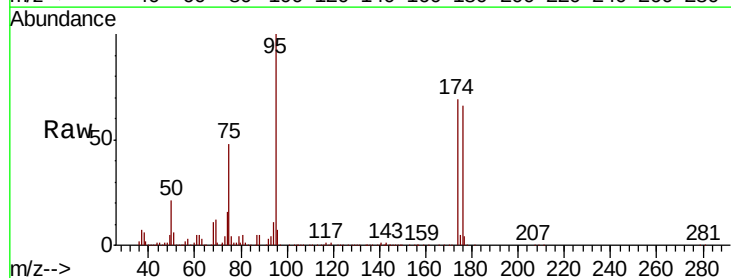
Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200027

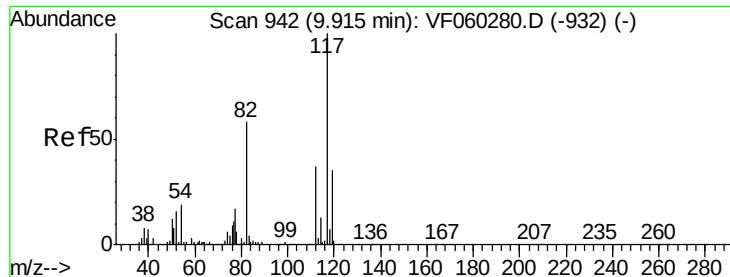
Tot Ion: 98 Resp: 843105
Ion Ratio Lower Upper
98 100
100 68.5 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 43.280 ug/l
RT: 11.50 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VF060345.D
Acq: 26 Sep 2018 00:41

Tgt Ion: 95 Resp: 491006
Ion Ratio Lower Upper
95 100
174 69.3 0.0 131.2
176 65.9 0.0 126.6

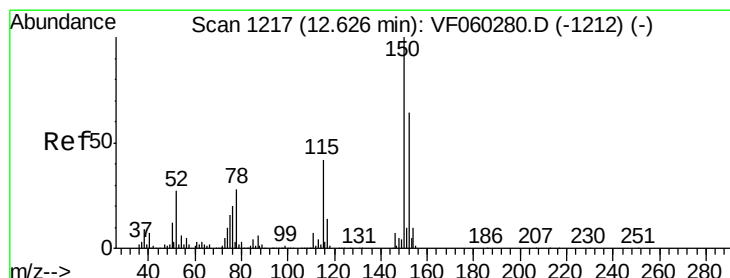
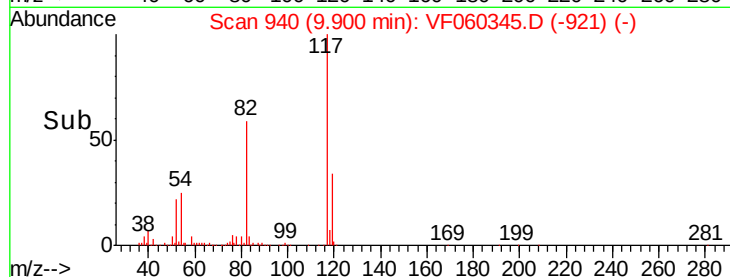
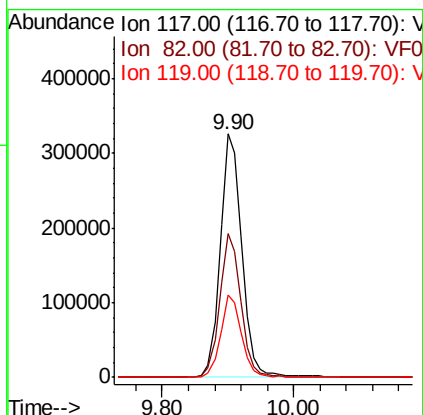
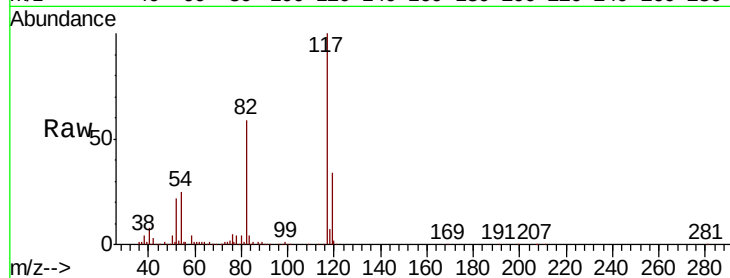




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060345.D
Acq: 26 Sep 2018 00:41

Instrument :
MSVOA_F
ClientSampleId :
CS-RBR-200027

Tot Ion:117 Resp: 744226
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.2
119 33.6 27.8 41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060345.D
Acq: 26 Sep 2018 00:41

Tgt Ion:152 Resp: 440923
Ion Ratio Lower Upper
152 100
115 62.2 32.6 97.8
150 152.0 0.0 314.2

